

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6787	(bentonite or (montmorillonite) or (aluminum adj phyllisilicate)) and (PEO or polyethylene oxide) and ((alcohol adj sulfate) or (lauryl adj sulfate)) and bor\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:16
S2	12848	(bentonite or (montmorillonite) or (aluminum adj phyllisilicate)) and (PEO or polyethylene oxide) and ((alcohol adj sulfate) or (lauryl adj sulfate)) and (well adj\$3 bor\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:17
S3	253	(bentonite or (montmorillonite) or (aluminum adj phyllisilicate)) and (PEO or polyethylene oxide) and ((alcohol adj sulfate) or (lauryl adj sulfate)) and (well adj\$3 bor\$4) and tunnel	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:17
S4	0	508/136 and (bentonite or (montmorillonite) or (aluminum adj phyllisilicate)) and (PEO or polyethylene oxide) and ((alcohol adj sulfate) or (lauryl adj sulfate))	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:19
S5	122	508/136	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:19
S6	46	508/136 and bentonite	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:20
S7	543	(well adj bor\$4) and foam\$3 and lubrica\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:22
S8	144	(well adj bor\$4) and foam\$3 and lubrica\$4 and bentonite	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:22

S9	1	sulfetal and (lutensol or glucopan) and (PEO or polyethylene or polyox) and (bentonite or tixoton)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:34
S10	576	surfactant and anionic and nonionic and lubricant and (polyethylene adj oxide) and bentonite	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:34
S11	334	surfactant and anionic and nonionic and lubricant and (polyethylene adj oxide) and bentonite and bor\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:34
S12	82	surfactant and anionic and nonionic and lubricant and (polyethylene adj oxide) and bentonite and bor\$3 and sequester\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:35
S13	670	(well adj bor\$3) and lubrica\$4 and surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:36
S14	24	(well adj bor\$3) same lubrica\$4 same surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 11:37
S15	406	((polyethylene adj oxide) or PEO or polyox) and (foaming adj agent) and bentonite and (well or bore or drill)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 13:13
S16	404	((polyethylene adj oxide) or PEO or polyox) and (foaming adj agent) and bentonite and (well or bore or drill) and water	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 13:13
S17	22	((polyethylene adj oxide) or PEO or polyox) same (foaming adj agent) and bentonite and (well or bore or drill) and water	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 13:14
S18	0	((polyethylene adj oxide) or PEO or polyox) same (foaming adj agent) and bentonite and (bore or drill) and water	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 13:15

S19	0	((polyethylene adj oxide) or PEO or polyox) same (foaming adj agent) and bentonite and (bore or drill) same water	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 13:15
S20	56	((polyethylene adj oxide) or PEO or polyox) and (foaming adj agent) and bentonite and (bore or drill) and water	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 13:15
S21	274	bentonite and (foaming adj agent) and bentonite and (bore or drill) and water	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 13:34
S22	18	("3323593"   "4088583"   "4092252"   "5565416").PN. OR ("5821203").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 13:47
S23	2	("5443305"   "6287052").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 14:05
S24	1311	(aqueous or liquid) and water and surfactant and (drill adj bit)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 14:17
S25	35	(aqueous or liquid) same water same surfactant same (drill adj bit)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 14:18
S26	12	(bentonite or (montmorillonite) or (aluminum adj phyllosilicate)) and (PEO or polyethylene oxide) and ((alcohol adj sulfate) or (lauryl adj sulfate)) and bor\$4	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:25
S27	1	((polyethylene adj oxide) or PEO or polyox) and (foaming adj agent) and bentonite and (bore or drill) and water	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:26
S28	4	bentonite and (foaming adj agent) and bentonite and (bore or drill) and water	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:27
S29	1162	aqueous same drill\$3 same fluid	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:29

S30	209	aqueous same drill\$3 same fluid and surfactant	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:29
S31	5	aqueous same drill\$3 same fluid and surfactant and water and (polyethylene adj oxide)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:30
S32	1	"6485233"	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 14:42
S33	1	1999-264076.NRAN.	DERWENT	OR	ON	2008/09/16 14:42
S34	123	aphron	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 16:14
S35	2093	(liquid or fluid or water) and mud and drill and surfactant or (WBM)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 16:17
S36	1354	(liquid or fluid or water or WBM) and mud and drill and surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 16:17
S37	145	(liquid or fluid or water or WBM) and mud and drill and surfactant and (polyethylene adj glycol)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 16:18
S38	62	(liquid or fluid or water or WBM) and mud and drill and surfactant and (polyethylene adj glycol) and foam	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 16:28
S39	53	"5716910"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/17 06:59

9/17/2008 1:56:20 PM

C:\Documents and Settings\pweiss\My Documents\EAST\Workspaces\10526953 Well Boring Lubricant.wsp